CZ8 3

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OIPE

RAW SEQUENCE LISTING

DATE: 01/15/2002 TIME: 08:00:13

PATENT APPLICATION: US/10/028,392

Input Set : A:\ES.txt

Output Set: N:\CRF3\01152002\J028392.raw

ENTERED

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EXPRESSED															
6 PREDOMINATELY IN NERVOUS SYSTEM TISSUES, HLRRNS1	3 <130> FILE REFERENCE: D0085.np														
C> 10 <140> CURRENT APPLICATION NUMBER: US/10/028,392	C141> CURRENT APPLICATION NUMBER: US/10/020,392 C141> CURRENT FILING DATE: 2001-12-20														
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J-JJ-JJJ-J "J-JJ-J-J-J-J-J-J-J-J-J-J-J-J															
44 gaactgggga ggcagagacc ceggctggce ggaggcatgt ggaggggggg gcetgggege 480 46 agggagaggc ceageggaag ceaagecace aggeceeea gegteeaege ggagcatgaa 540															
48 cattgagg atg gcg cgt gcc cgc ggc tcc ccg tgc ccc cc															
46 Cattgagg atg geg egt gee ege gge tee eeg tge eee ee															
50 1 5 10															
52 ggt agg atg tee tgg eee eae ggg gea ttg ete tte ete tgg ete tte 638															
53 Gly Arg Met Ser Trp Pro His Gly Ala Leu Leu Phe Leu Trp Leu Phe															
54 15 20 25 30															
56 tee cea eee etg ggg gee ggt gga ggt gga gtg gee gtg aeg tet gee 686															
57 Ser Pro Pro Leu Gly Ala Gly Gly Gly Val Ala Val Thr Ser Ala															
58 35 40 45															
60 gcc gga ggg ggc tee eeg gee ace tee tge eee gtg gee tge tee 734															
61 Ala Gly Gly Ser Pro Pro Ala Thr Ser Cys Pro Val Ala Cys Ser															
62 50 55 60															
64 tgc agc aac cag gcc agc cgg gtg atc tgc aca cgg aga gac ctg gcc 782															
65 Cys Ser Asn Gln Ala Ser Arg Val Ile Cys Thr Arg Arg Asp Leu Ala															
66 65 70 75															
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93						cgc Arg 180											1118
			_		-	gaa Glu			-			-					1166
	L Vai				ту1	ctc Leu				Met					a Asp		1214
	5 Pro			Thr		ctg Leu			, Lei					Let			1262
	Ası		Lei			g atc 1 Ile		Pro					Gly				1310
113		Arg				ctc Leu 260	Met					Ala					1358
	7 Ası					ctc Leu					ı Glu					His	1406
	l Ası				. Ser	ctg Leu				Leu					1 His		1454
	Let			y Val		ctc Leu			Asr					Asr			1502
128	gtg Val	cto Leu 320	tgg	, ctg	ago Ser	tgg Trp	tgg Trp 325	ctc Leu	aag	g gag s Glu	g acg	gtg Val	. Pro	ago Ser	aac Asn	acg	1550
132 133	acq	tgc Cys	: tgc			tgt Cys 340	cat His	gcg				cto Leu	aag			tac Tyr 350	1598
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140	Val	Clu	Dro	Dro	Thr	Asn	Len	Asn	Val	Thr	Ğlu	ĞÎy	Met	Ala	Ala	Glu	
142		Giu	rio	370	1 ***		200		375			-		380			
144	ctc	222	tac	Cac	аса	aac	acc	ticc		acc	tcc	qtc	aac	tgg	ctg	acg	1742
144	Leu	Tuc	Cve	Ara	Thr	Glv	Thr	Ser	Met.	Thr	Ser	Val	Asn	Trp	Leu	Thr	
146		шуз	385	nry	1111	011		390					395	_			
140	ccc	220	202	acc	ctc	atσ	acc		aac	t.cc	tac	cqc	gtg	cgc	atc	tcc	1790
140	Pro	Agn	Glv	Thr	Len	Met	Thr	His	Glv	Ser	Tyr	Arg	Val	Arg	Ile	Ser	
150		400	OLY	1111			405				-	410					
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153	Val	Len	His	Asp	Glv	Thr	Leu	Asn	Phe	Thr	Asn	Val	Thr	Val	${\tt Gln}$	Asp	
	415	БСи	1115	1.05	0-1	420					425					430	
154	acg	ממכ	caσ	tac	acq		atg	ata	acq	aac	tca	gcc	ggc	aac	acc	acc	1886
15	Thr	Glv	Gln	Tvr	Thr	Cvs	Met	Val	Thr	Asn	Ser	Ala	Gly	Asn	Thr	Thr	
158		0-1	0	-1-	435	- 4				440				•	445		
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16	L Ala	Ser	Ala	Thr	Leu	Asn	Val	Ser	Ăla	Val	Asp	Pro	Val	Ala	Ala	Gly	
16)			450					455					460			
16	i aac	acc	aac	agc	aac	qqq	qqc	ggc	cct	ggg	ggc	agt	ggt	ggt	gtt	gga	1982
16	. ggo 5 Gly	Thr	Glv	Ser	Glv	Gly	Gly	Ğĺy	Pro	Gly	Gly	Ser	Gly	Gly	Val	Gly	
16	5		465					470					4/5				
16	aga	aac	agt	aac	qqc	tac	acc	tac	ttc	acc	acg	gtg	acc	gtg	gag	acc	2030
16	999 Gly	Glv	Ser	Gly	Ğly	Tyr	Thr	Tyr	Phe	Thr	Thr	Val	Thr	Val	Glu	Thr	
17)	480					485					490					
17	2 cta	gag	acq	caq	ccc	gga	gag	gag	gcc	ctg	cag	ccg	cgg	ggg	acg	gag	2078
17	3 Leu	Ğlu	Thr	Gln	Pro	Gly	Glu	Glu	Ala	Leu	Gln	Pro	Arg	Gly	Thr	GIU	
17	4 4 9 5					500					505					210	
17	б аад	σаа	ccg	cca	ggg	ccc	acg	aca	gac	ggt	gtc	tgg	ggt	ggg	ggc	cgg	2126
17	7 Lys	Ğlu	Pro	Pro	Gly	Pro	Thr	Thr	Asp	Gly	Val	Trp	Gly	Gly	GTĀ	Arg	
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19	4 575	5				580					585					590	2266
19	6 gtg	, atg	ctc	gtg	gcc	ttc	tac	aag	ctg	cgc	aag	cag	cac	cag	CTC	cac	2366
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20	0 aag	, cac	cac	ggg	ccc	acg	cgc	acc	gtg	gag	ato	ato	aac	gtg	gag	yac Nan	2414
20	1 Lys	: His	His	Gly	Pro	Thr	Arg	Thr	Val	. GLu	TTE	тте	ASN	val	GIU	ASP	

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Input Set : A:\ES.txt

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256	Arg	Glu	Leu	Trp		Arg	Asn	Asn	Pro		Glu	Ser	Ile	Pro	Ser	Tyr	
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261				180		_			185		_,	~ 3	~1	190	**- 1	3	
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265			195					200	_	_	_		205	T1-	D	3 an	
	Leu			Leu	Asn	Leu		Met	Cys	Asn	ьeu		Asp	тте	PIO	ASII	
269		210			-	_	215	~ 3	0.1	.	a 1	220	a	<i>c</i> 1	7 an	A wa	
	Leu	Thr	Ala	Leu	Val		Leu	Glu	Glu	Leu		Leu	ser	GTĀ	ASII	240	
273	225			-	_	230	-1		51	a 1	235	т	mh ~	Com	T 011		
	Leu	Asp	Leu	Ile		Pro	GTĀ	ser	Pne	GIN	GIY	Leu	THI	ser	255	AIG	
277			_	_	245			a 1	**- 1	250	mb	т1.	61	7 × ~	255	ת 1 ת	
	Lys	Leu	Trp			HIS	Ala	GIn		Ala	Thr	TTE	GIU	270	ASII	АТа	
281	_			260		_	_	~1 .	265	.	1	T	Com		N a n	A cn	
	Phe	Asp		Leu	Lys	Ser	ьeu		GIU	ьeu	asn	ьeu	ser	nis	ASII	ASII	:
285			275	_	_			280	DI-	mt	D	т	285	7 ~~~	T 011	Clu	
	Leu		Ser	Leu	Pro	HlS			rne	THE	P1.0	ьеи 300	птѕ	мтд	ьęu	GIU	
289		290	** !	T		TT 4 -	295		m~~	п; ~	Cvc		Cvc	Acn	Va 1	T.e.11	
	Arg		HlS	ьeu	ASN			PIO	ттр	пта	315	กรแ	Cys	vaħ	AGI	320	
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RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/028,392 TIME: 08:00:13

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325			435	Cys				440					445			
329		450		Asn			455					460				
333	465			Gly		470					475					480
337				Tyr	485					490					495	•
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345			515	Pro				520					525			
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353	545			Pro		550					555					560
357	-			Ala	565					570					575	
361				Gly 580					585					590		
365			595	Phe				600					605			
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/028,392

DATE: 01/15/2002 TIME: 08:00:14

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date